

Amendments to the Claims

1. *(Currently Amended)* An electro-acoustic transducer ~~(1)~~ having sound-generating means ~~(38)~~ and having a circuit unit ~~(23)~~, which circuit unit ~~(23)~~ has a circuit substrate ~~(30)~~ and at least one circuit component ~~(31)~~ of a signal-processing circuit, which circuit component ~~(31)~~ is mounted on the circuit substrate ~~(30)~~, wherein the sound-generating means ~~(38)~~ are annular in form and surround an interior space ~~(22)~~, which interior space ~~(22)~~ is accessible from outside the sound-generating means ~~(38)~~ when the transducer ~~(1)~~ is being manufactured and before the circuit unit ~~(23)~~ is fitted, and wherein the at least one circuit component ~~(31)~~ is arranged in the interior space ~~(22)~~ in the sound-generating means ~~(38)~~ and forms a communication circuit ~~(31B)~~ of a communication partner device ~~(37)~~ for contactless communication.

2. *(Currently Amended)* An electro-acoustic transducer ~~(1)~~ as claimed in claim 1, wherein only a single circuit component ~~(31)~~ is provided that is formed by an integrated circuit ~~(31)~~ connected to the circuit substrate ~~(30)~~, which integrated circuit ~~(31)~~ forms the communication circuit ~~(31B)~~.

3. *(Currently Amended)* An electro-acoustic transducer ~~(1)~~ as claimed in claim 1, wherein the integrated circuit ~~(31)~~ is embedded in a plastics encapsulation ~~(33)~~, wherein two connecting contacts ~~(34)~~, each of which is connected to a moving-coil contact ~~(25)~~ of a moving coil ~~(29)~~ belonging to the sound-generating means ~~(38)~~, are provided on the plastics encapsulation ~~(33)~~, and wherein the moving coil ~~(29)~~ is intended and used, in addition, as a contactless transmission means of the communication partner device ~~(37)~~.

4. *(Currently Amended)* An electro-acoustic transducer ~~(1)~~ as claimed in claim 1, wherein the sound-generating means ~~(38)~~ have a diaphragm ~~(8)~~, and wherein four contact terminals ~~(36)~~, each in the form of a sector of a circular annulus, are provided on a face ~~(35)~~ of the circuit substrate ~~(30)~~ that is remote from the diaphragm ~~(8)~~.

5. *(Currently Amended)* An electro-acoustic transducer ~~(1)~~ as claimed in claim 1, wherein the circuit unit ~~(23)~~ is arranged to be removable without the use of a separate tool.

6. *(Currently Amended)* An electro-acoustic transducer ~~(1)~~ as claimed in claim 1, wherein the transducer ~~(1)~~ has a cup-shaped housing ~~(3)~~ whose height in the direction in which a transducer axis ~~(2)~~ is oriented is between 2 and 5 mm and whose diameter perpendicular to the direction in which the transducer axis ~~(2)~~ is oriented is between 6 and 20 mm.